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MAY 20, 2002

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BAKER BOTTS L.L.P.  
DOUGLAS M. KUBEHL, ESQ.  
2001 ROSS AVENUE  
SUITE 600  
DALLAS, TX 75201-2980

PTAS

Chief Information Officer  
Washington, DC 20231  
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\*102034119A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/14/2002

REEL/FRAME: 012711/0388  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

ISLAM, MOHAMMED A.

DOC DATE: 02/05/2002

ASSIGNEE:

XTERA COMMUNICATIONS, INC.  
500 WEST BETHANY DRIVE  
ALLEN, TEXAS 75013-3704

SERIAL NUMBER: 09719591  
PATENT NUMBER:

FILING DATE: 12/12/2000  
ISSUE DATE:

MARGARET LASALLE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

(ATTORNEY DOCKET 068069.0163)  
FORM PTO 1595  
1-31-92XTERA  
US-20-2004

102034119

Page 1 of 1  
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeTo the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.  
1. Name and Address of Conveying Party(es).  
2. Name and Address of receiving Party(es).Mohammed A. Islam  
1408 Miner Circle  
Endicott, Broome County, New York  
Citizenship: United States of America

2002 MAR 14 PM 2:19

FINNACE SECTION

Additional name(s) of conveying party(ies) attached?  
 Yes  No

3-14-02

Name: Xtera Communications, Inc.  
Internal Address: 500 West Bethany Drive  
Street Address: 500 West Bethany Drive  
City: Allen  
State: Texas  
Zip: 75013-3704

## 3. Nature of conveyance:

 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 02/05/2002

Additional name(s) &  
Address(es) attached? Yes  No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/719,391

B. Patent No.(s):

Additional Numbers

 Yes  No5. Name and address of party to whom correspondence concerning  
document should be mailed to:Name: Douglas M. Kubehl, Esq.  
Internal Address: BAKER BOTTS L.L.P.  
Street Address: 2001 Ross Avenue, Suite 600  
City: Dallas  
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

 Enclosed  
Authorized to be charged to deposit account

8. Deposit Account Number:

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Douglas M. Kubehl  
Name

Signature

March 4, 2002

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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03/27/2002 670411 00000174 09719591  
01 FC:581 40.00 DDU.S. Patent and Trademark Office  
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## ASSIGNMENT

WHEREAS,

1. ISLAM, Mohammed N.  
907 Twin Creeks Drive  
Allen, TX 75013;
2. ISLAM, Mohammed A.  
1408 Miner Circle  
Endicott, NY 13760; and
3. SLAWSON, Michael R.  
6260 Barrierhorn Run  
Alpharetta, GA 30005

hereinafter termed "joint inventors," have invented certain new and useful inventions and improvements in

FIBER-OPTIC COMPENSATION FOR DISPERSION, GAIN TILT,  
AND BAND PUMP NONLINEARITY

for which applications for patent have been filed:

on June 16, 1999, Patent Cooperative Treaty Patent Application No. PCTUS99/13551,  
Attorney Docket No. 20434-732;

on June 16, 1999, Canadian Patent Application No. 2335289, Attorney Docket No.  
20434-733;

on June 16, 1999, EPO Patent Application No. 99930301.9, Attorney Docket No. 20434-  
734;

on June 16, 1999, Japanese Patent Application No. 00-555336, Attorney Docket No.  
20434-735;

on December 12, 2000, United States Patent Application No. 09/719,591, Attorney  
Docket No. 20434-736; and

WHEREAS, I, the undersigned joint inventor, of residence as listed, having participated  
with the individuals named above in the invention of certain new and useful improvements as  
below entitled; and

WHEREAS, XTERA COMMUNICATIONS, INC. (hereinafter referred to as  
"Assignee"), a Delaware Corporation, with an address of 500 West Bethany Drive, Allen, Texas  
75013-1225, desires to acquire my entire right, title and interest in and to the invention, and in  
and to the said applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good  
and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I  
assign to Assignee, all of my right, title and interest in and to said invention and improvements  
and in and to the applications listed above and all patents which may be granted therefor  
including but not limited to patents issuing from any of the patent applications listed above, and  
including all provisionals, divisions, reissues, continuations, continuations-in-part and extensions  
thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue  
all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned,  
to Assignee.

I also assign to Assignee, all of my right, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions and improvements in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said inventions and improvements and all rights to register said inventions and improvements in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisionals, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said inventions and improvements in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

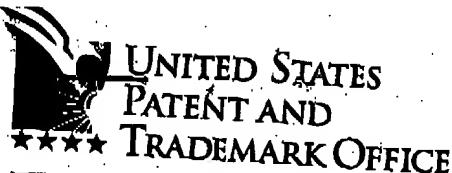
Title of Invention: *Fiber-Optic Compensation for Dispersion, Gain Tilt, and Band Pump Nonlinearity*

Signature of Inventor:  
Inventor's Name:

Mohammed A. Islam  
Mohammed A. Islam

Date Assignment executed:

2/5/02



NOVEMBER 29, 2002

BAKER BOTTS L.L.P.  
 DOUGLAS M. KUBEHL, ESQ.  
 2001 ROSS AVENUE, SUITE 600  
 DALLAS, TX 75201-2980

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 ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
 SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/09/2002

REEL/FRAME: 013268/0808  
 NUMBER OF PAGES: 3

BRIEF: CORRECTION OF ASSIGNMENT RECORDED AT REEL 012713, FRAME 0216.

ASSIGNOR:

SLAWSON, MICHAEL R.

DOC DATE: 02/07/2002

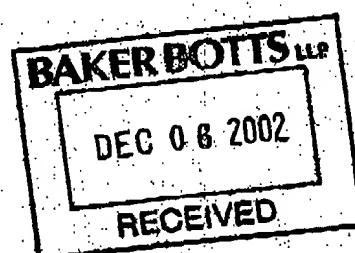
ASSIGNEE:

XTERA COMMUNICATIONS, INC.  
 500 WEST BETHANY DRIVE  
 ALLEN, TEXAS 75013-3704

SERIAL NUMBER: 09719591

FILING DATE: 12/12/2000  
 ISSUE DATE:

SHARON BROOKS, EXAMINER  
 ASSIGNMENT DIVISION  
 OFFICE OF PUBLIC RECORDS



(ATTORNEY DOCKET 068069.0163)

FORM PTO 1595  
1-31-92

09-13-2002

Page 1 of 1

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Pat.

1. Name and Address of Conveying Party(ies):

Michael R. Slawson  
6260 Bannerhorn Run  
Alpharetta, Fulton County, Georgia 30005  
Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

 Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name

X Other: Correction of  
Assignment recorded  
at Reel 012713, Frame  
0216

Execution Date:

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s): 09/719,591

Additional name(s) &amp;

Address(es) attached?

Zip: 75013-3704

OFFICE OF PUBLIC RECORDS  
FINANCIAL SECTION  
9-2004

5. Name and address of party to whom correspondence concerning document should be mailed to:

Name: Douglas M. Kubehl, Esq.  
Internal Address: BAKER BOTTS L.L.P.  
Street Address: 2001 Ross Avenue, Suite 600  
City: Dallas  
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Douglas M. Kubehl

Name

Signature

September 3, 2002

Date

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NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all of my right, title and interest in and to said invention and improvements and in and to the applications listed above and all patents which may be granted therefor including but not limited to patents issuing from any of the patent applications listed above, and including all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all of my right, title and interest to the invention disclosed in applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions and improvements in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said inventions and improvements and all rights to register said inventions and improvements in appropriate registries; and, I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: *Fiber-Optic Compensation for Dispersion, Gain Tilt, and Band Pump Nonlinearity*

Signature of Inventor:  
Inventor's Name:

*Michael R. Slawson*  
Michael R. Slawson

Date Assignment executed:

7 Feb 2002